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SUBJECT: FRG FORCES FOR NATO

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C. USNATO 4362

D. DPC/D(74)5, GERMANY

BEGIN SUMMARY: FRG REPLY TO DPQ(74) INDICATES ARMY AND AIR FORCE MEET 1974 COMMITMENTS. NAVY IS SHORT BY ONE MARITIME AIRCRAFT. MODERNIZATION PROGRAMS REFLECT CLOSE ATTENTION TO APPROVED NATO FORCE GOALS AND BASIC ISSUES. PLANNED ARMY FORCE IMPROVEMENTS FOR 1975-80 EMPHASIZE ARMOR/ANTI-ARMOR (LEOPARD 1 AND 2 BATTLE TANKS, TOW, MILAN, HOT, AND ARMOR-PIERCING AMMO). PLANNED AIR FORCE IMPROVEMENTS EMPHASIZE AIRCRAFT REPLACEMENT PROGRAMS (F-4F AND ALPHA JETS), ELECTRONIC WARFARE CAPABILITIES AND MODERN AIR MUNITIONS SYSTEMS FOR F-4F'S, WAR RESERVES, AND COMPLETION OF AIRCRAFT SHELTER PROGRAM. PLANNED NAVY IMPROVEMENTS EMPHASIZE CONTUING SHIP
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CONSTRUCTION AND CONVERSTION, PRIMARILY AMONG FORCES EARMARKED FOR BALTIC DUTIES AND INTRODUCTION OF KORMORAN ASM. PLANNED DEFENSE EXPENDITURE FOR 1975-1978 SHOW SMALLER INCREASE IN ACTUAL TERMS THAN PREVIOUS YEARS. MISSION PROPOSES TO URGE

FRG COMPLIANCE WITH SPECIFIC FORCE GOALS RELATING TO BASIC ISSUES DURING MULTILATERALS. END SUMMARY.

1. FORCES.

A. ARMY.

(1) GENERAL. FRG MEETS COMMITMENTS FOR 1974. COMMITMENT OF MAJOR UNITS FOR 1975 IS UNCHANGED AND CONSISTS OF FOLLOWING EARMARKED UNITS (ALL CLASSIFICATION A1): THREE CROPS HEADQUARTERS, FOUR ARMORED DIVISIONS, TWO ARMORED RCT'S, FOUR MECHNIZED INFANTRY DIVISIONS, TWO MOTORIZED INFANTRY DIVISIONS, ONE MOUNTAIN DIVISION, ONE AIRBORNE DIVISION, SEVEN AVIATION BATTALIONS PLUS THIRTEEN AVAITION COMPANIES, AND THE FOLLOWING NUCLEAR DELIVERY UNITS: ELEVEN 155 MM HOWIZER BATTERIES (SP), ELEVEN 8-INCH HOWITZER BATTERIES, ELEVEN HONEST JOHN ROCKET BATTERIES, AND FOUR SERGEANT/LANCE BATTALIIONS. REGARDING NATIONAL COMMAND FORCES FOR 1974, DPQ(73) PROJECTED THREE FIRST ECHELON HOME DEFENSE RCT'S/BDES; HOWEVER, DPQ(74) ESTIMATES FRG WILL ACTIVATE A FOURTH RCT/BDE BY END-1974. COUNTRY PLANS FOR 1977 SHOW CONVERSION OF ONE MOTORIZED INFANTRY DIVISION INTO AN ARMORED DIVISION; REORGANIZATION OF TWO EXISTING ARMORED RCT'S TO FORM NUCLEAS OF THREE NEW BRIGADES (TWO ARMORED AND ONE ARMORED INFANTRY); AND DISBANDMENT OF THE AIRBORNE DIVISION (FRG RETAINS THREE AIRBORNE BRIGADES BUT PLACES THEM UNDER DIRECT CONTROL OF CORPS HEADQUARTERS). RESULTING FORCE STRUCTURE WILL CONSIST OF FIVE ARMORED DIVISIONS AND SIX ARMORED INFANTRY DIVISIONS CONTAINING COLLCTIVELY 33 BRIGADES (16) ARMORED AND 17 ARMORED INFANTRY), PLUS THE THREE AIRBORNE BRIGADES. FORCE TABLES CONTINUE TO LIST TWO OF THE ARMORED INFANTEY DIVISIONS AS MOTORIZED INFANTRY DIVISIONS AND ONE DIVISION AS A MOUTAIN DIVISION. BEGINNING IN 1975, FRG PLANS TO ACQUIRE 26 LANCE SYSTEMS TO REPLACE SERGEANT.

(2) EQUIPMENT AND LOGISTICS. MODERNIZATION PROGRAM FOLLOWS NATO FORCE GOALS, PARTICULARLY BASIC ISSUES.

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(A) ARMOR/ANTI-ARMOR. IN 1974 AND 1975, THE FRG WILL REPLACE PART OF OLDER BATTLE TANK INVENTORY WITH 250 LEOPARD 1 BATTLE TANKS (1L03). FRG WILL START PROCUREMENT OF LEOPARD 2 IN 1978; AND IS CURRENTLY CONDUCTING DEVELOPMENT PHASE PROTOTYPE TRIALS (1L03). THE CURRENT MARDER MICV PROCUREMENT PROGRAM PROVIDES FOR THE DELIVERY OF 1,926 UNITS BY END 1974, AND THE FRG PLANS TO PROCURE AN ADDITIONAL 210 IN 1975. ARMY WILL ALSO PURCHASE 468 ARSV 8X8 (50 MORE THAN PROGRAMMED IN DPQ(73)), 700 M113 A1 APC (400 MORE THAN PROGRAMMED IN DPQ(73)) AND AN ADDITIONAL 70 TOW SYSTEMS IN 1975 TO SUPPLEMENT 100 UNITS PROCURED IN 1973 (1L04). PROCUREMENT OF AN INITIAL 700 MILAN SYSTEMS COMMENCES IN 1974 (1L04). FRG PLANS TO ACQUIRE ADDITIONAL ANTI-TANK MISSILES DURING THE PLANNING PERIOD. (MEMORANDUM STATES FRG IS

INITIATING

PROCUREMENT OF THE HOT, BUT PROVIDES NO DEATIALS.) FRG IS CONTINUING STUDIES AND FIELD TRAILS INVOLVING THE ANTI-TANK HELICOPTER (1L08). ARMY IS PRAPARING PLANS FOR PROVIDING MINE SCATTER SYSTEMS DURING THE LATE 1970'S (1L14). FRG IS DEVELOPING ARMOR-PIERCING AMMO FOR 155 MM HOWITZER AND MULTIPLE LIGHT FIELD ROCKET LAUNCHER AND PLANS TO PROCURE SUCH AMMO FOR THE ROCKET LAUNCHER IN 1976 (1L15).

(B) WAR RESERVE STOCKS. MEMORANDUM STATES QUOTE:

IN GENERAL, THE STOCKPILING OF WAR RESERVES IS IN KEEPING WITH THE AHSPE GUIDELINES. EXISTING DEFICIENCIES ARE TO BE REMEDIED DURING THE PLANNING PERIOD. UNQUOTE. (1L01 B). MEMORANDUM ALSO LISTS MEASURES TO IMPROVE TRANSPORTATION AND DISTRIBUTION OF SUPPLIES IN WARTIME. AMMO TABLES DO NOT GO BEYOND 1975, BUT TABLE OF PAYMENT SCHEDULES SHOWS DM 2,667 MILLION SCHEDULED FOR AMMO IN 1974-1978 PERIOD.

(C) AIR DEFENCE. BEGINNING IN 1976, FRG WILL

INTRODUCE 432 GEPARD SELF-PROPELLED AA GUNS TO REPLACE 40 MM SP L 60 GUN, AT COST EXCEEDING DM 2,000 MILLION (NOT INCLUDING AMMUNITION) (1L05).

(D) ELECTRONIC WARFARE. MEMORANDUM STATES QUOTE:

A NUMBER OF EXISTING OR PLANNED RESEARCH PROJECTS AND STUDIES ARE AIMED AT IMPROVING THE ARMY'S ELECTRONIC EQUIPMENT. UNQUOTE (1L11, 1L12, 1L26). NEWLY DEVELOPED ELECTRONIC DETECTION AND COMMAND AND CONTROL UNIT WILL HAVE ECCM CAPABILITY (1)L18).

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FORCE GOAL 1L09 (TO PROVIDE EW SUPPORT FOR NATO AT SIMPLE ALERT, STATE ORANGE, OR STATE SCARLET) IS QUOTE BEING CONSIDERED UNQUOTE. FRG PLANS TO INCLUDE REALISTIC EQ TRAINING AS INTEGRAL PART OF UNIT FIELD TRAINING, AND IS DEVELOPING RELEVANT HARDWARE AND SOFTWARE. THE FRG HAS INSTRUCTED ALL SUPERIOR MILITARY HEAD-QUARTERS TO INCLUDE INCIDENTS RELATED TO EW IN FIELD EXERCISES WHENEVER POSSIBLE (1L30).

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(3) PERSONNEL. ARMY PERSONNEL SITUATION GENERALLY IMPROVED DURING 1973. REDUCTION OF CONSCRIPT SERVICE TO 15 MONTHS LED TEMPORARILY TO LOWER MANPOWER LEVELS; HOWEVER, FRG RAISED OVERALL STRENGTH OF THE ARMY ABOVE 1972 LEVEL VIA STANDBY READINESS COMPONENT (FORMER "READY RESERVE"). SINCE 1973, ACTUAL CONSCRIPT STRENGTH HAS EXCEEDED ARMY'S ORGANIZATIONAL STRENGTH; FRG ESTIMATES TOTAL ACTIVE DUTY STRENGTH FOR 1974 AT 339,964. COUNTRY PLANS FOR 1975 SHOW SLIGHT DECREASE TO 335,213 BUT THEREAFTER STABILIZE AT 340,200. REGULAR/CONSCRIPT RATIO IMPROVES PROGRESSIVELY FROM 168,650/171,314 IN 1974 TO 172,100/143,100 IN 1979. WARTIME AUTHORIZED STRENGTH DECREASES PROGRESSIVELY FROM 964,680 IN 1974 TO 893,420 IN 1979. NUMBER OF RESERVISTS TO BE RECALLED DURING THE FIRST 15 DAYS OF MOBILIZATION INCREASES PROGRESSIVELY FROM 495,000 IN 1974 TO 540,000 IN 1979. NUMBER OF RESERVISTS TO BE CALLED UP FOR ANNUAL TRAINING INCREASES BY 10,000 EACH YEAR, FROM 100,000 IN 1974 TO 150,000 IN 1979. PERIOD OF ACTIVE DUTY TRAINING FOR THE MAJORITY OF RESERVISTS (E.G. 90,000 IN 1979) RANGES FROM 7 TO 15 DAYS. NATO-COMMITTED/NATIONAL COMMAND RATIO
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INCREASES FROM 250,000/89,964 IN 1974 TO 255,000/85,200 IN 1979, BUT THE PROPORTION OF WARTIME AUTHORIZED STRENGTH DECREASES FROM 458,000/506,650 TO 412,420/481,000.

B. NAVY. FRG ESSENTIALLY MEETS COMMITMENTS FOR 1974 EXCEPT FOR ASSIGNMENT OF ONE ADDITIONAL MPA (BREGUET 1150 ATLANTIC) TO NATO FROM FIVE PRESENTLY UNDER NATIONAL COMMAND. MEMORANDUM BLAMES INABILITY TO REASSIGN AIRCRAFT ON CORROSION PROBLEMS (ALTHOUGH SDT'S SHOW ATLANTIC AT 70 PERCENT READINESS). FOR 1975, FRG COMMITS THREE GUIDED MISSILE DESTROYERS (TWO CAT A1 AND ONE B5); FOURTEEN DESTROYER/OCEAN ESCORTS (NINE A1 AND 2, THREE B3, TWO C5); 24 COASTAL SUBS (FOURTEEN A1 AND 2, EIGHT CAT B, TWO C5); 37 FAST PATROL BOATS, OF WHICH 21 CARRY SSM (28 A1 AND 2, NINE CAT B); PLUS 76 MINOR SHIPS (OF WHICH 45 ARE CAT A), SIXTY F-104G RECCE/ATTACK AIRCRAFT (A1), AND TEN ATLANTIC MPA. FRG REPORTS UNDER NATIONAL COMMAND AN ADDITIONAL
FORTY SHIPS (MOSTLY SUPPORT), TWELVE F-104 (C5) AND FIVE MPA, AS WELL AS 22 SAR HELICOPTERS AND NINETEEN TRANSPORT AIRCRAFT. FOR

1976 AND BEYOND, DPQ(74) SHOWS FORCE STRUCTURE IN LINE WITH NATO 1975-80 FORCE GOALS (REF D) EXCEPT: A) PREVIOUS PLANS TO AUGMENT F-104G FORCE TO 72 AIRCRAFT BY 1976 (DELAYED TO 1978 DUE TO JET PILOT SHORTAGE), AND B) MPA AIRCRAFT SHORTFALLS DUE TO TRANSITION TO S3A (VIKING) AIRCRAFT.

(1) EQUIPMENT AND LOGISTICS. GERMAN MARITIME CONCEPT PLACES FIRST PRIORITY ON IMPROVING FORCES DEPLOYED IN BALTIC. FRG GEARs MODERNIZATION PROGRAM TO NATO FORCE GOALS WITH FEW SHORTFALLS. FRG PLANS TO COMMISSION TEN TYPE 206 COASTAL SUBMARINES THIS YEAR. TEN TYPE 148 FPBG'S, WITH EXOCET SSM, ARE ALREADY IN COMMISSION, WITH TEN MORE EXPECTED BY END-1975. FURTHER PLANS INCLUDE TEN TYPE 143 FPBG'S (WITH BOTH EXOCET AND TORPEDOES) BY END-1977 AND TEN TYPE 162 (HYDROFOIL) FPBG'S (PRESENTLY IN DEVELOPMENT IN U.S.) BY END-1979 (GOAL 1M03N). FRG WILL INTRODUCE SIX MINESWEEPER COMBINATIONS (TROIKA GROUPS), REPLACING SCHUTZE CLASS, IN 1978/79 (1M10N). DPQ (74) SHOWS NO PLANS FOR ASM-EQUIPPED HELICOPTERS FOR BALTIC STRAIT DEFENSE (1M09N). FRG WILL NOT INTRODUCE MRCA (IN MARITIME ROLE) UNTIL 1980 DUE TO TECHNICAL PROBLEMS. IN THE BLUE-WATER CATEGORY, FRG PLANS CONVERSION OF DDG'S (SEE BASIC ISSUES DISCUSSION BELOW) AND MODIFICATIONS TO FOUR HAMBURG CLASS DESTROYERS (1M04N A) BY
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END1977, BUT DPQ(74) SHOWS NO PLANS FOR REPLACEMENT OF AGING FLETCHER CLASS ESCORTS (1M04N B AND C). BASIC ISSUES IMPROVEMENTS FOLLOW:

(A) AIF DEFENSE. FRG WILL COMPLETE FITTING OF 3 LUTJENS CLASS DDG'S WITH SM-1 MISSILE AND DIGITAL COMPUTERS BY MID-78.

(B) ELECTRONIC WARFARE. (NATO FORCE GOAL 1M02N). MEMORANDUM STATES FRG HAS INITIATED AND PLANNED MEASURES, BUT GIVES NO SPECIFICS.

(C) MODERN AIR MUNITIONS. TESTING OF KORMORAN ANTI-SHIP ASM IS COMPLETE, AND FRG EXPECTS TO LET PRODUCTION CONTRACT THIS YEAR FOR DELIVERIES STARTING IN 1976.

(2) LOGISTICS/WAR RESERVES. (1M07N) POLICY CALLS FOR GENERAL SUPPLY LEVEL OF 30 COMBAT DAYS, WITH 20 DAYS FOR AMMUNITIONS AS AN INTERIM TARGET. FRG HAS CORRECTED SOME DEFICIENCIES IN THE PAST YEAR. FOR GUIDED MISSILES, FRG WILL REACH 20-DAY INTERIM TARGET IN 1975. POL STOCKPILS MEETS 45 DAY REQUIREMENTS.

(3) PERSONNEL. ACTIVE DUTY STRENGTH WAS 38,607 AT END-1973 DECLINING TO 37,746 AT END1975, WITH 46 PERCENT ASSIGNED TO SHIPS. 68 PERCENT OF ACTIVE FORCE ARE REGULARS. ACTIVE STRENGTH IS 65 PERCENT OF WAS, WITH MORE THAN ENOUGH FULLY EQUIPPED RESERVISTS TO FILL THE GAP. FRG CAN RECALL ALL 24,000 RESERVISTS WITHIN 15 DAYS

OF MOBILIZATION AND PROVIDES ANNUAL REFRESHER TRAINING TO 6,000.
FRG MANS CATEGORY A SHIPS AT 89 PERCENT AWC, CAT B AT 85
PERCENT, CAT C AT 82 PERCENT. SHORTFALLS IN SOME ELECTRONIC
SPECIALITIES STILL PERSIST.

C. AIR FORCE.

(1) GENERAL. AIR FORCE MEETS COMMITMENTS FOR 1974. FOR
1975, FRG COMMITS FOLLOWING: FOUR F4F ALL-WEATHER INTERCEPTOR/
STRIKE (AWX/AS), SIX F-104G STRIKE/ATTACK (FBA/AS), TWO F-104G
ATTACK, FOUR F4F ATTACK, SIX G-91 LIGHTWEIGHT ATTACK/RECCE
(LWA/R), FOUR RF-4E RECCE, ONE TF104G INTERCEPTOR DAY FIGHTER (IDF),
AND FOUR C-160 TRANSPORT SQUADRONS; 24 NIKE, 36 HAWK AND EIGHT
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PERSHING MISSILE UNITS. OF THESE FORCES, FRG COMMITS ONLY
FOUR SQUADRONS OF F-4F ALL-WEATHER INTERCEPTOR/STRIKE, 24 NIKE
AND 34 HAWK MISSILE UNITS IN ASSIGNED STATUS AND EARMARKS
REMAINDER. FRG WILL MEET
1975 NATO FORCE GOALS BY IMPLEMENTING THESE COMMITMENTS. FRG
CONTINUES PHASED AIRCRAFT MODERNIZATION/REPLACEMENT PROGRAM AS
ANNOUNCED IN DPQ(73). PHASE ONE INCLUDES CONVERSION DURING
1974 OF TWO F-104G AWX WINGS TO F-4F AIRCRAFT AS WELL AS TWO
F104G FBA/AS WINGS AND TWO G-91 LWA/R WINGS TO TWO F4F FBA/AS
WINGS DURING 1975. PHASE TWO, BEGINNING IN END-1977, INCLUDES
INTRODUCTION OF 175 ALPHA JETS IN ATTACK, ATTACK/RECCE AND
TRAINING ROLES. FRG PLANS NO OTHER MAJOR AHCNGES TO AIR FORCE
STRUCTURE DURING PLANNING PERIOD; FORCE PLANS FOR END-1979
SATISFY NATO FORCE GOALS.

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(2) EQUIPMENT AND LOGISTICS. MODERNIZATION PROGRAM
CLOSELY FOLLOWS NATO FORCE GOALS, PARTICULARLY BASIC ISSUES.

(A) AIR DEFENSE. FRG PLANS TO FIELD 1,015 20 MM
TWIN-MOUNTED AA GUNS FOR ACTIVE PROTECTION OF AIRBASES, MISSILE
SITES, RADAR SITES AND SHORAD LOGISTIC INSTALLATIONS BY END-1975
AND TO MEET 25 PERCENT QUOTA OF ALL WEATHER SHORAD WEAPONS WITH
INTRODUCTION OF ROLAND II ABOUT 1980 (FORCE GOALS 1A01 AND 1A07
PERTAIN). FRG WILL NOT REPEAT NOT ACTIVATE SAM LO BATERRIES ON
SIX FBS/A AIRBASES DURING PLANNING PERIOD (1A02), BUT PLANS TO
MEET REQUIREMENT AT LATER DATE BY ACTIVATING ROLAND II FIRING
UNITS AT AIRBASES CONCERNED. MEMORANDUM REPORTS FRG PLANS TO
SPEND 450 MILLION DM FOR HAWK IMPROVEMENT PROGRAM DURING
PLANNING PERIOD.

(B) ELECTRONIC WARFARE. (EW). FRG PLANS TO
EQUIP F-4F AND RF-4E AIRCRAFT WITH SELF-PROTECTION ECM
DEVICES
AND RADAR WARNING DEVICES AND TO EQUIP F-104G STRIKE/ATTACK
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AIRCRAFT RETAIN IN SERVICE WITH AIRBLOW EL-70 ECM. FRG DOES
NOT REPEAT NOT PLAN FOR IMPROVED ECM RESISTANCE AND IR WARNING
SYSTEMS IN G-91 AIRCRAT (SCHEDULED FOR REPLACEMENT), BUT REPORTS
STUDIES UNDERWAY TO DETERMINE WHETHER EXPERIENCE GAINED THROUGH
MIDDLE EAST WAR JUSTIFIES ECM CAPABILITY FOR PLANNED ALPHA JETS.
(1A04 AND 1A05) FRG PLANS IMPROVED IFF/SIF SYSTEMS FOR AIRCRAFT
AND LLRS/HAWK/NIKE BATTERIES (1A10) AS WELL AS IMPROVED ECCM
RESISTANCE ACROSS ELECTRONIC EQUIPMENT SPECTRUM (1A08).

(C) MODERN AIR MUNITIONS. FRG PLANS TO IMPROVE
CONVENTIONAL NIGHT/ALL WEATHER BOMBING CAPABILITY BY ADAPTING
F-4F AIRCRAFT TO NEW GENERATION OF AIR-TO-AIR AND AIR-TO-
ROUND MISSILES BEGINNING IN 1977 BUT HAS NO SIMILAR PLANS FOR
F104G AIRCRAFT IN ATTACK/STRIKE ROLE. MEMORANDUM REPORTS MRCA
WEAPON SYSTEM TO BE ADOPTED WILL QUOTE FULLY MEET THE REQUIREMENTS
OF THE NEW AIRCRAFT GENERATION. END QUOTE. (1A04) MEMORANDUM
REPORTS THAT FRG IS CLOSELY OBSERVING DEVELOPMENT OF ELECTRICAL/
OPTICAL WEAPONS, PARTICULARLY LASER GUIDED FAST RX, BUT HAS NO
TANGIBLE PLANS FOR ADOPTION. FRG DEFERRED PROCUREMENT OF DELAYED
FUZES FOR GP BOMBS UNTIL OCTOBER 1974 PENDING DECISION ON
CHOICE OF BOMB. MEMORANDUM REPORTS THAT FRG DECISION ON
POSSIBLE PROCUREMENT OF ANTI-SHELTER AND ANTI-RUNWAY WEAPONS
WILL AWAIT RESULTS OF ONGOING STUDIES. (1A06)

(D) WAR RESERVES. FRG REPORTS END-1974 STOCK
LEVELS BELOW 30 COMBAT DAYS FOR 30 MM AMMO (20 DAYS); 1000 LB
MK83 BOMBS (24-28 DAYS); 250 KG MATRA RETARDED BOMBS (0-5 DAYS);

BL-755 BOMBS (5 DAY); 600,370, AND 250 GALLON PYLON TANKS (0-22 DAY); AND LAU 51A LAUNCHERS (12 DAYS). FRG PLAND 30 COMBAT DAY LEVELS FOR ALL ITEMS BY END-1976 AND WILL DEVOTE HIGH PRIORITY TO AREA DENIAL WEAPONS, ARMOR-PIERCING CBU'S, STANDOFF WEAPONS AND AIR-TO-AIR MISSILES.

(E) PHYSICAL PROTECTION PROGRAM. FRG REPORTS 340 OF 387 NATO-FUNDED SHELTERS FOR 70 PERCENT ASSIGNED AIRCRAFT WERE IN CARCASS STAGE (CAPABLE OF BEING USED, IF NECESSARY) BY END-1973 WITH CONSTRUCTION ON REMAINING 47 TO BEGIN AS SCHEDULED IN MID-1975. FRG TEMPORARILY DEFERRED FOLLOW-ON CONTRACTS ENVISAGED FOR 1975 TO CONSTRUCT NATIONALLY FUNDED SHELTERS FOR REAMINING 30 PERCENT ASSIGNED AIRCRAFT. MEMORANDUM CITES LACK OF FUNDS AS REASON AND SAYS FURTHER DECISIONS WILL INCORPORATE SECRET

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OUTCOMES OF BASIC ISSUES STUDIES (1A26). FRG PLANS COMPLETION FO FOLLOWING PASSIVE MEASURES BY END-1976: AIR BASE TONE-DOWN AND CAMOUFLAGE; ON-BASE DISPERSAL OF AIRCRAFT; SEMI-HARDENED COMBAT OPERATION CENTERS, SQUADRON PERSONNEL/PILOT BRIFING FACILITIES, AND SHELTERS FOR ESSENTIAL EQUIPMENT (LOX, RE-FUELING TRUCKS); AND DEDICATED COMMUNICATION SYSTEMS.

(3) PERSONNEL. FRG INCREASES ACTIVE DUTY MILITARY PERSONNEL FROM 104,098 IN 1973 (64,032 COMMITTED TO NATO) TO AN ESTIMATED 107,440 BY END-1974 (65,000 COMMITTED TO NATO). REGULAR/CONSCRIPT/RATIO INCREASES FROM 65,472/38,626 IN 1973 TO AN ESTIMATED 70,996/36,444 BY END1974. FRG INCREASES RESERVIST PERSONNEL FROM 79,320 IN 1973 TO AN ESTIMATED 81,880 BY END-1974; IT INCREASES RESERVISTS RECEIVING ANNUAL REFRESHER TRAINING FROM 9,023 IN 1973 TO ESTIMATED 11,000 BY END-1974. COUNTRY PLANS PROJECT ABOVE FIGURES WITHOUT CHANGE FOR 1974 THROUGH END-1979. ESTIMATED AVERAGE ANNUAL FLYING TIME DECREASED FROM 1973 TO 1974 FOR F-104G FBA/FBA (158-150 HRS), F-104G FBA/AS (166-159) AND RF-4E TR (163-156 HRS) CREWS AND INCREASED FOR G-91 LWA/R (156-164 HRS) AND F-104G AWX (135-137 HRS) CREWS. FRG PLANS 160 AVERAGE ANNUAL HOURS FLING TIME FOR ALL SUCH CREWS DURING 1975-1979 TIME FRAME. AIRCREW/AIRCRAFT RATIO FOR NATO-COMMITTED SQUADRONS APPROXIMATED 1.5 FOR 1973 AND 1974; FRG PROJECTS SAME FIGURE THROUGH 1979. DURING 1974, ESTIMATED COMBAT READINESS RANGED FROM 83-93 PERCENT FOR ATTACT AND RECCE WQUADRONS AND 70-87 PERCENT FOR INTERCEPTOR SQUADRONS.

2. DEFENSE EXPENDITURES.

A. REPLY TO DPQ(74), BASED ON 1974-1978 FEDERAL FINANCIAL PLAN ADOPTED BY FRG ON JULY 4, 1974, PROJECTS FOLLOWING DEFENSE EXPENDITURES IN MILLIONS OF DM: (EXCLUDING BERLIN COSTS)

CY 1974	35,963.6
CY 1975	38,273.1
CY 1976	40,125.5
CY 1977	42,097.3
CY 1978	44,210.3

SIGNIFICANTLY, 1975-1978 SPENDING PLAN DOES NOT REPEAT NOT
CONTINUE DEFENSE BUDGET INCREASES CHARACTERISTIC OF PAST
SEVERAL YEARS. FRG INCREASED DEFENSE BUDGETS IN ACTUAL TERMS
APPROXIMATELY TWELVE PERCENT ANNUALLY DURING 1972-1974; IT PLANS
ANNUAL INCREASES IN ACTUAL DEFENSE BUDGETS FOR 1975-1978 OF 6.4,
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4.8, 4.9, AND 5.0 PERCENT RESPECTIVELY. MISSION BELIEVES THIS
WILL NOT REPEAT NOT SATISFY US OBJECTIVES (PRESENTED IN
MINISTERIAL GUIDANCE CONTEXT) FOR ANNUAL REAL INCREASE OF AT
LEAST THREE PERCENT. GIVEN PROJECTED INFLATIONARY TREND (FRG
RESPONSE TO DPQ(74) PROJECTS ANNUAL GNP DEFLATOR AT OPTIMISTIC
5.8 PERCENT), FRG DEFENSE SPENDING AT PLANNED LEVELS COULD MEAN
REAL TERM DECREASES FURING PLANNING PERIOD.

B. MILITARY AND CIVILIAN PERSONNEL EXPENDITURES, INCLUDING
MILITARY PENSIONS, CLAIMED APPROXIMATELY 51.7 PERCENT OF 1974
DEFENSE BUDGET; THIS COMPARES WITH 50.8 AND 52.4 PERCENT IN
1973 AND 1975 RESPECTIVELY. FRG SPENT APPROXIMATELY 14.3
PERCENT OF 1974 DEFENSE BUDGET ON MAJOR EQUIPMENT, AMMO,
EXPLOSIVES AND MISSILES; THIS COMPARES WITH 14.1 AND 13.63
PERCENT IN 1973 AND 1975 RESPECTIVELY. RESPONSE TO DPQ(74)
DOES NOT PROJECT DEFENSE SPENDING BY CATEGORY BEYOND 1975.

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3. PROPOSED USNATO POSITION FOR MULTILATERAL EXAMINATION. DURING
NATO'S MULTILATERAL EXAMINATION OF FRG 1975 TO 1979 FORCE PLANS,
USNATO PROPOSES TO:

A. NOTE THAT PROJECTED INFLATIONARY TRENDS COULD NEGATE PLANNED ANNUAL INCREASES IN FRG DEFENSE BUDGETS. EMPHASIZE US DESIRE THAT ALLIES INCREASE DEFENSE SPENDING ANNUALLY BY AT LEAST THREE PERCENT IN REAL TERMS AND ASK IF FRG INTENDS TO DO SO.

B. NOT PRESENT SHORTAGES IN WAR RESERVE AMMUNITION FOR SEVERAL CRITICAL ARMY WEAPONS SYSTEMS. ASK FRG FOR DETAILS ON PLANNED IMPROVEMENTS (DPQ(74) AMMO TABLES ARE INCOMPLETE) AND SPECIFICALLY URGE THAT FRG INCREASE RESERVE LEVELS FOR 155 MM HOWITZER AMMO AND TOW ROCKETS TO 30 COMBAT DAYS BY END-1976.

C. NOTE BASIC ISSUES EMPHASIS ON ELECTRONIC WARFARE (EW) IMPROVEMENTS AND NUMEROUS ONGOING OR PLANNED FRG RESEARCH PROJECTS IN THIS AREA. ASK WHEN AND IF FRG WILL REFLECT RESULTS OF THESE STUDIES BY IMPLEMENTING FORCE GOALS 1L09, 1L11, 1L12, 1L26, FOR ARMY, 1A05 (REGARDS ALPHA JETS) FOR AIR FORCE, AND 1M02N FOR NAVY.

D. ASK FRG TO EXPLAIN ORGANIZATIONAL FEATURES OF TWO
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MOTORIZED INFANTRY DIVISIONS AND ONE MOUNTAIN DIVISION. SPECIFICALLY, DO THESE DIVISIONS POSSESS ADEQUATE ARMOR/ ANTI-ARMOR CAPABILITIES?

E. NOTE FRG INTENTION TO PROVIDE LOW-LEVEL AIR DEFENSE FOR SIX FBA/A AIR BASES WITH ROLAND II RATHER THAN SAM LO BATTERIES CALLED FOR IN FORCE GOALS (1A02.) ASK FRG WHEN THIS WILL BE ACCOMPLISHED AND EMPHASIZE NEED FOR TIMELY IMPLEMENTATION.

F. NOT THAT FRG IS AWAITING RESULTS OF ONGOING STUDIES BEFORE PROCURING MODERN ANTI-SHELTER AND ANTI-RUNWAY AIR MUNITIONS (1A06). NOTE BASIC ISSUES EMPHASIS ON IMPROVED AIR MUNITIONS AND URGE PROMPT FRG ACTION.

G. NOTE FAILURE TO MEET COMMITMENT FOR A TOTAL OF 10 MPA THIS YEAY, AND ASK FRG TO EXPLAIN APPARENT DISCREPANCY BETWEEN 70 PERCENT READINESS AND STATEMENT THAT ASSIGNMENT IS NOT POSSIBLE DUE TO CORROSION PROBLEMS.

H. QUERY FRG CONCERNING PLANS TO PROCURE ASM-EQUIPPED HELICOPTERS FOR BALTIC STRAITS DEFENSE (1M09N) AND POINT-DEFENSE MISSILE INSTALLATIONS FOR NAVAL SHORE FACILITIES (1M13N).

I. QUERY FRG REGARDING COUNTRY PLANS TO REPLACE FLETCHER CLASS DESTROYER ESCORTS (1M04N B).

4. FOR BONN: TIME PERMITTING, MISSION WOULD APPRECIATE INFORMAL CONCLUSIONS (AS LAST YEAR) BETWEEN STAFF OFFICER(S) PREPARING MISSION ANALYSIS OF FRG DPQ(74) AND APPROPRIATE EMBASSY PERSONNEL. SUCH DISCUSSIONS WOULD EMPHASIZE POSSIBLE QUESTIONS FOR MISSION USE DURING MULTILATERAL REVIEW OF FRG 1974-1978 FORCE PLANS. MISSION STAFF OFFICER(S) ARE PREPARED TO COME TO BONN IF YOU PREFER.
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